



PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
Paul E. Salyer) Group: 3738
Serial No.: 10/721,809)
Filed: November 25, 2003)
Title: ORTHOPAEDIC ROTARY REAMER) Examiner: J. Swiger III
WITH IMPLANT COMPLIANT CUTTING)
TEETH)

AFFIDAVIT UNDER 37 C.F.R. 1.131

MS Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, Paul E. Salyer, swear:

1. I am the named inventor in the above-identified application, and a former employee at Symmetry Medical, Inc., assignee of record for the present invention.
2. The invention disclosure and associated tooling sketches and preliminary print for the above-identified application is hereby attached as **Attachment A** which rightfully indicates that the date of conception for the above-identified application is before January 16, 2002. This is specifically indicated on page 1 of **Attachment A** under "Conception Date", and by the dates on the tooling sketches and preliminary print.
3. The aforementioned date of conception for the above-identified application of before January 16, 2002 applies to claims 1-16 of the above-identified application.
4. Due diligence has been exercised since the date of conception both in reducing the invention to practice as shown in the invention disclosure (Attachment A) and in filing a patent application on November 25, 2003.

I, Paul E. Salyer, hereby swear that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

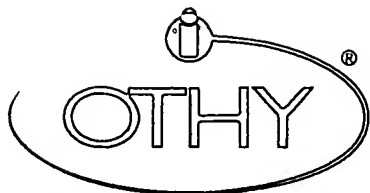
Respectfully submitted,

Paul E. Salyer

Paul E. Salyer

Date: 12-19-2005

ATTACHMENT A



A Symmetry Medical Company
486 West 350 North
Warsaw, IN 46580
(219) 267-8700

FOR PATENT DEPT. USE

INVENTION DISCLOSURE

Date November 27, 2001

Docket _____

INVENTOR (*Name in full, Occupation, Citizenship*)

Paul Salyer – Vice President Design Consultant U.S.A.

RESIDENCE (*Street, City, County & State*)

486 W 350 N
Warsaw, IN 46580

SUBJECT OR TITLE OF INVENTION

A cutting tooth designed to cut with less chatter helping to
make a smoother cut and to hold tighter tolerances.

Conception Date

Date of first sketch or drawing

September 12, 2001

First Disclosure to another person

September 14, 2001

To Whom?

Reese Myers

First sample was successfully tested

How close is this invention to production?

It is ready to use as of now.

1. **What is the problem that has been solved?** We were having problems with our cutters chattering and cutting oversize.

2. **Is this problem a newly recognized problem or is it one that people have tried to solve before? If people have tried to solve the problem before, what to the best of your knowledge was unsatisfactory about their solution?**

3. **Who first thought of this new product or new way of manufacturing a product?**

Paul Salyer, Todd Wolford, and Wade Stephenson

4. Did anyone else make substantial contributions (other than those who merely worked under your direction) toward making it work and what did they contribute?

Todd Wolford and Wade Stephenson

5. Are there any written records of the inception and development of the idea? Please identify these records for further reference.

We have hand drawn prints and programs for wire E.D.M. machines in a file.

6. Has anyone other than the persons listed above followed this development carefully enough to be able to describe the details of its progress? Yes ☐ No ☒ Who?

No

7. What is the best way known to you to manufacture this new product? In this section attach illustration, formula, and other physical information relative to the product.

8. Does this disclosure relate in any way to work, which you did for a previous employer? Yes ☐ No ☒ If yes, explain.

No

9. Signature and Witness:

Date November 27, 2001

Signature _____
Print Name Paul E. Salyer

Witness:

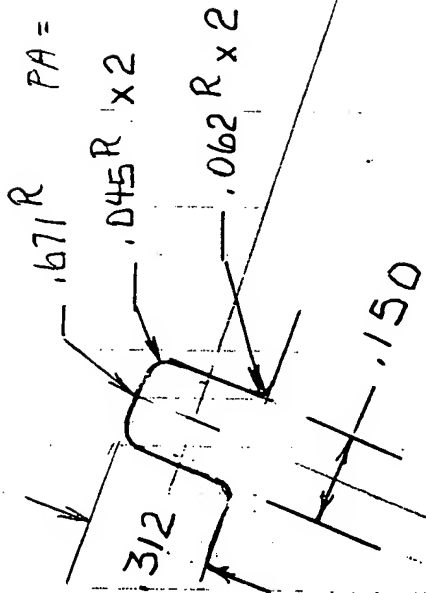
I have read this disclosure of invention and understand the contents of the disclosure. I have witnessed the signing of the disclosure.

Date November 27, 2001

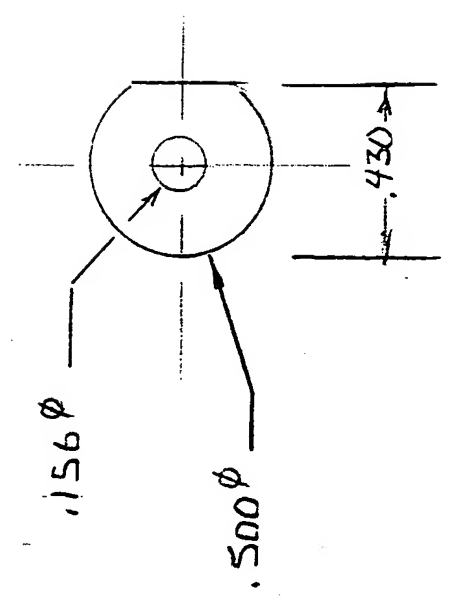
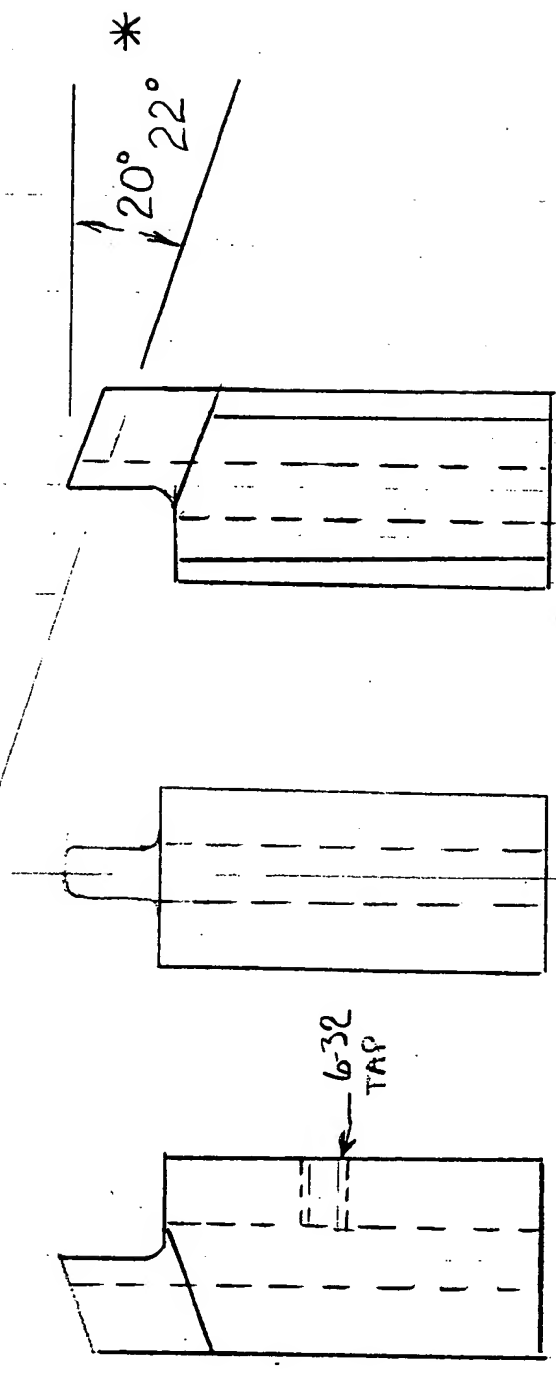
Signature 
Print Name Reese Myers

Date November 27, 2001

Signature 
Print Name Roger Hand

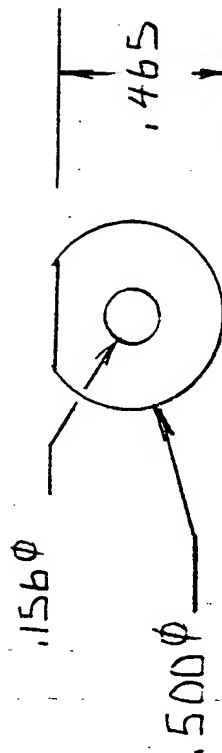
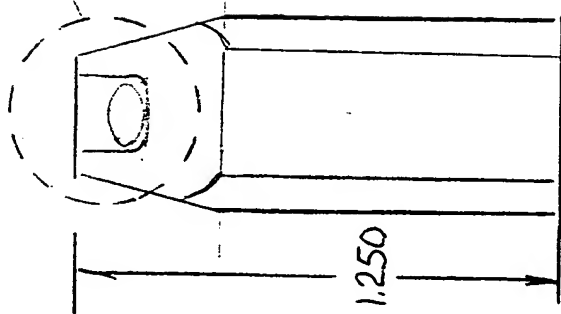
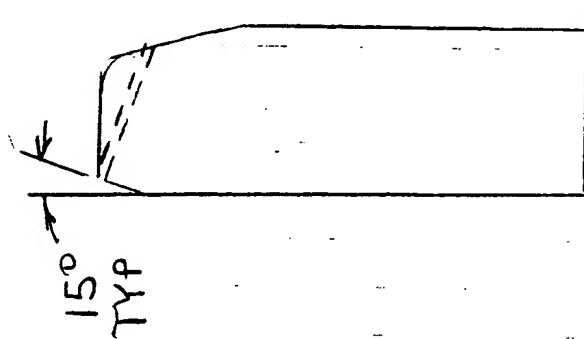
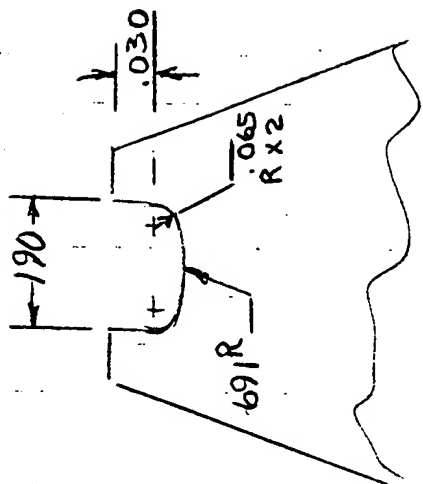
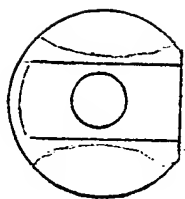


NOTE: * 20° FOR 46 MM CUPS AND ABOVE
 22° FOR 45 MM CUPS AND BELOW



PUNCH
 SMOOTH-CUT
 ACETABULAR REAMER

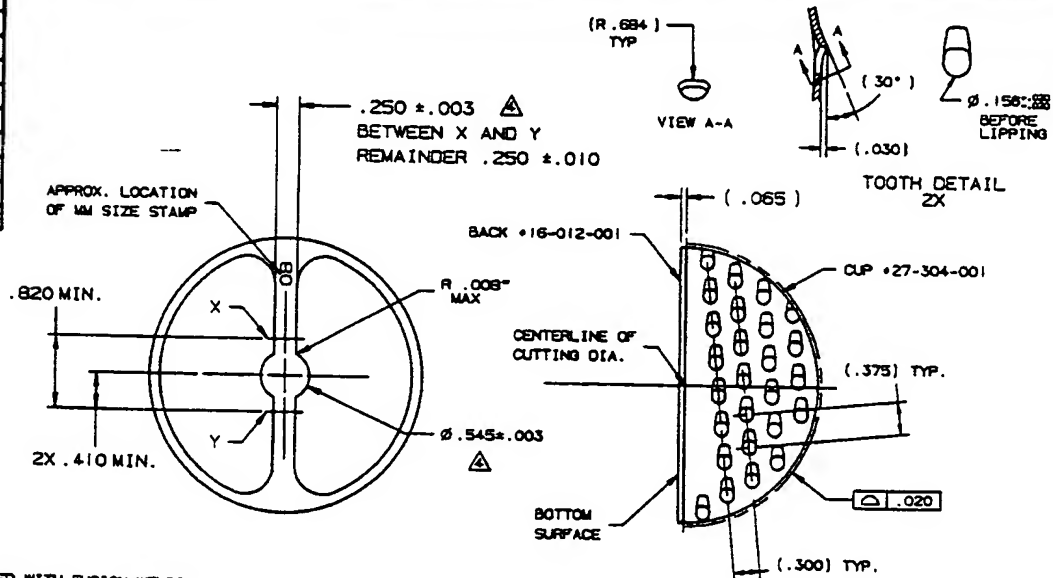
LIP TOOLING
 SEPT. 12, 2001
 Wm. N. S. S. S.



BUTTON
 SMOOTH-CUT
 ACETABULAR REAMER
 LIP TOOLING

SEPT 12, 2001
 Mike Smith

PART #	SIZE	CUT Ø
27-304-071	71	2.795
27-304-072	72	2.835
27-304-073	73	2.874
27-304-074	74	2.913
27-304-075	75	2.953
27-304-076	76	2.992
27-304-077	77	3.031
27-304-078	78	3.071
27-304-079	79	3.110
27-304-080	80	3.150



- NOTES: 1. COMPONENTS JOINED WITH FUSION WELDING
 2. .05" MINIMUM MATERIAL BETWEEN TEETH.
 3. MATERIAL THICKNESS: CUP - .035
 BACK - .125 ± .005/- .007
 ⚠ DIMENSIONS SHOWN IN THIS VIEW MUST BE HELD ON THE SIDE SHOWN AS "BOTTOM SURFACE". WIDTHS MAY BE UNDERSIZE ON THE TOP SURFACE (OPPOSITE BOTTOM).

PRELIMINARY PRINT

REV	DATE	BY	CHKD	APP'D
1	11/28/01	RAY H.		
2	11/28/01	RAY H.		
3	11/28/01	RAY H.		
4	11/28/01	RAY H.		
5	11/28/01	RAY H.		
6	11/28/01	RAY H.		
7	11/28/01	RAY H.		
8	11/28/01	RAY H.		
9	11/28/01	RAY H.		
10	11/28/01	RAY H.		

PART NAME: 71/80MM SMOOTH CUT BRIDGESACK ACET REAMER	
MATERIAL: TRIMITE	HEAT TREAT: R _a 47 MIN
FINISH: SP/ASS/STATE	ENG: RAY H.
DATE: 11/28/01	SCALE: NONE
REV: 1 OF 1	REV: P1
DRAWING LAYOUT: 27-304-000	